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PTO/SB/05 (08-00)

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Approved for use through 10/31/2002 OMB 0651-0032

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|  |                                   |  |          |
|--|-----------------------------------|--|----------|
| <b>UTILITY<br/>PATENT APPLICATION<br/>TRANSMITTAL</b>  |                                   | Attorney Docket No. 47181-00193USP1  |          |
|  |                                   | First Inventor Gary W. Scott   |          |
| Title DETECTION OF ARCING FAULTS USING BIFURCATED WIRING SYSTEM  |                                   |  |          |
| Express Mail Label No. ek506616267US   |                                   |  |          |
| APPLICATION ELEMENTS<br>See MPEP chapter 600 concerning utility patent application contents.   |                                   | ADDRESS TO: Assistant Commissioner for Patents<br>Box Patent Application<br>Washington, DC 20231   |          |
| 1. <input checked="" type="checkbox"/> Fee Transmittal Form<br>(Submit an original, and a duplicate for fee processing)<br>2. <input type="checkbox"/> Applicant claims small entity status.<br>See 37 CFR 1.27.<br>3. <input checked="" type="checkbox"/> Specification [Total Pages 19]<br>(preferred arrangement set forth below)<br>- Descriptive title of the Invention<br>- Cross References to Related Applications<br>- Statement Regarding Fed sponsored R & D Invention<br>- Reference to Microfiche Appendix<br>- Background of the Invention<br>- Brief Summary of the Invention<br>- Brief Description of the Drawings (if filed)<br>- Detailed Description<br>- Claim(s)<br>- Abstract of the Disclosure<br>4. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets 2]<br>5. <input checked="" type="checkbox"/> Oath or Declaration [Total Pages 2]<br>a. <input type="checkbox"/> Newly executed (original or copy)<br>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))<br>(for continuation/divisional with Box 17 completed)<br>i. <input type="checkbox"/> DELETION OF INVENTOR(S)<br>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).<br>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 |                                   | 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)<br>8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)<br>a. <input type="checkbox"/> Computer Readable Form (CRF)<br>b. <input type="checkbox"/> Specification Sequence Listing on:<br>i. <input type="checkbox"/> CD ROM or CD-R (2 copies); or<br>ii. <input type="checkbox"/> paper<br>c. <input type="checkbox"/> Statement verifying identity of above copies |          |
| <b>Accompanying Application Parts</b>  |                                   |  |          |
| 9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))<br>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee)<br>11. <input type="checkbox"/> English Translation Document (if applicable)<br>12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations<br>13. <input type="checkbox"/> Preliminary Amendment<br>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)<br>15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)<br>16. <input checked="" type="checkbox"/> Other Check for filing fees of \$926.00   |                                   |  |          |
| <b>17. If a CONTINUING APPLICATION</b> , check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76.<br><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input checked="" type="checkbox"/> Continuation-in-part (CIP) of prior application No: 09/ 426,832, filed 10/26/99 and 09/026,203, filed 02/19/98<br>Prior application Information. Examiner Not Assigned Group/Art Unit: Not Assigned<br>For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  |                                   |  |          |
| <b>18. CORRESPONDENCE ADDRESS</b>  |                                   |  |          |
| <b>23,932</b>  |                                   |  |          |
| <input type="checkbox"/> Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or <input type="checkbox"/> New correspondence address below  |                                   |  |          |
| NAME   |                                   | Stephen G. Rudisill  |          |
| ADDRESS  |                                   | Jenkins & Gilchrist<br>1445 Ross Avenue, Suite 3200  |          |
| CITY   | Dallas                            | STATE  | TX       |
| ZIP CODE   | 75202-2799                        |  |          |
| COUNTRY  | USA                               | TELEPHONE  | 312 425- |
| FAX  | 214 855-4588                      |  |          |
| Name (Print/Type)  | Registration No. (Attorney/Agent) |  |          |
| Signature  | Date 17 Jan. 01                   |  |          |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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# FEE TRANSMITTAL

## for FY 2000

Patent fees are subject to annual revision

**Complete if Known**

Application Number \_\_\_\_\_  
 Filing Date January 17, 2001  
 First Named Inventor Gary W. Scott  
 Examiner Name \_\_\_\_\_  
 Group Art Unit \_\_\_\_\_  
 Attorney Docket Number 47181-00193USP1

TOTAL AMOUNT OF PAYMENT (\$)**926.00****METHOD OF PAYMENT (check one)**

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number **10-0447/47181-00193USP1**

Deposit Account Name **Jenkins & Gilchrist**

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  
☐ Applicant claims small entity status. See 37 CFR 1.27

2 ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☐ Other

**FEE CALCULATION (fees effective 10/01/2000)****1. FILING FEE**

| Large Entity        |          | Small Entity |          | Fee Description        | Fee Paid           |
|---------------------|----------|--------------|----------|------------------------|--------------------|
| Fee Code            | Fee (\$) | Fee Code     | Fee (\$) |                        |                    |
| 101                 | 710      | 201          | 355      | Utility filing fee     | 710.00             |
| 106                 | 320      | 206          | 160      | Design filing fee      | 0.00               |
| 107                 | 490      | 207          | 245      | Plant filing fee       | 0.00               |
| 108                 | 710      | 208          | 355      | Reissue filing fee     | 0.00               |
| 114                 | 150      | 214          | 75       | Provisional filing fee | 0.00               |
| <b>SUBTOTAL (1)</b> |          |              |          |                        | <b>(\$ 710.00)</b> |

**2. CLAIMS**

|                           | Extra    |              | Fee from below |   | Fee Paid           |
|---------------------------|----------|--------------|----------------|---|--------------------|
| Total Claims 32 - 20 =    | 12       | X            | 18.00          | =   | 216.00             |
| Independent 2 - 3 =       | 0        | X            | 80.00          | =   | 0.00               |
| Claims                    |          |              |                |   |                    |
| Multiple Dependent Claims |          | X            |                | =   | 0.00               |
| Large Entity              |          | Small Entity |                | Fee Description   | Fee Paid           |
| Fee Code                  | Fee (\$) | Fee Code     | Fee (\$)       |   |                    |
| 103                       | 18       | 203          | 9              | Claims in excess of 20                                  |                    |
| 102                       | 80       | 202          | 40             | Independent claims in excess of 3                       |                    |
| 104                       | 270      | 204          | 135            | Multiple dependent claim                                |                    |
| 109                       | 80       | 209          | 40             | Reissue independent claims over original patent         |                    |
| 110                       | 18       | 210          | 9              | Reissue claims in excess of 20 and over original patent |                    |
| <b>SUBTOTAL (2)</b>       |          |              |                |   | <b>(\$ 216.00)</b> |

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

| Large Fee Code            | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description  | Fee Paid         |
|---------------------------|-----------------|----------------|-----------------|--|------------------|
| 105                       | 130             | 205            | 65              | Surcharge - late filing fee or oath  |                  |
| 127                       | 50              | 227            | 25              | Surcharge - late provisional filing or cover sheet.                        |                  |
| 139                       | 130             | 139            | 130             | Non-English specification  |                  |
| 147                       | 2,520           | 147            | 2,520           | For filing a request for reexamination                                     |                  |
| 112                       | 920             | 112            | 920             | Requesting publication of SIR prior to Examiner action                     |                  |
| 113                       | 1,840           | 113            | 1,840           | Requesting publication of SIR after Examiner action                        |                  |
| 115                       | 110             | 215            | 55              | Extension for response within first month                                  |                  |
| 116                       | 390             | 216            | 195             | Extension for response within second month                                 |                  |
| 117                       | 890             | 217            | 445             | Extension for response within third month                                  |                  |
| 118                       | 1,390           | 218            | 695             | Extension for response within fourth month                                 |                  |
| 119                       | 310             | 219            | 155             | Notice of Appeal   |                  |
| 120                       | 310             | 220            | 155             | Filing a brief in support of an appeal                                     |                  |
| 121                       | 270             | 221            | 135             | Request for oral hearing   |                  |
| 138                       | 1,510           | 138            | 1,510           | Petition to institute a public use proceeding                              |                  |
| 140                       | 110             | 240            | 55              | Petition to revive unavoidably abandoned application                       |                  |
| 141                       | 1,240           | 241            | 620             | Petition to revive unintentionally abandoned application                   |                  |
| 142                       | 1,240           | 242            | 620             | Utility issue fee (or reissue)   |                  |
| 143                       | 440             | 243            | 220             | Design issue fee   |                  |
| 144                       | 600             | 244            | 300             | Plant issue fee  |                  |
| 122                       | 130             | 122            | 130             | Petitions to the Commissioner  |                  |
| 123                       | 50              | 123            | 50              | Petitions related to provisional applications                              |                  |
| 126                       | 180             | 126            | 180             | Submission of Information Disclosure Stmt                                  |                  |
| 581                       | 40              | 581            | 40              | Recording each patent assignment per property (times number of properties) |                  |
| 146                       | 710             | 246            | 355             | Filing a submission after final rejection (37 CFR 1.129(a))                |                  |
| 149                       | 710             | 249            | 355             | For each additional invention to be examined (37 CFR 1.129(b))             |                  |
| Other fee (specify) _____ |                 |                |                 |  |                  |
| Other fee (specify) _____ |                 |                |                 |  |                  |
| <b>SUBTOTAL (3)</b>       |                 |                |                 |  | <b>(\$ 0.00)</b> |

\* Reduced by Basic Filing Fee Paid

**SUBMITTED BY**

Complete (if applicable)

Typed or Printed Name **Roger J French** Reg. Number **27,786** Telephone **(312) 425-8540**  
 Signature *Roger J French* Date **01/17/2001**